BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI TOMUL LIV (LVIII), FASC. 4, 2008 ELECTROTEHNICĂ. ENERGETICĂ. ELECTRONICĂ

STUDY CONCERNING THE INFLUENCE OF MAGNETIC CORE'S CONFIGURATION ON THE ELECTRIC TRANSFORMERS WITH ADJUSTABLE OUTPUT-VOLTAGE

BY

*ELENA-DANIELA OLARIU, *NICULINA POIENAR, *MIHAELA JEDER and *D. CERNOMAZU

Abstract. In this paper is presented a study concerning the decrease of short-circuits losses results to transformer with rotatable secondary winding and magnetic core transected whereat the collector system is with circuit through the sheet-irons of the magnetic lateral yoke.

Keyword: transformer, collector system, short-circuits current, short-circuit losses.